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7590

12/02/2005

Patent Counsel
TRW Inc.
S&E Law Department, E2/6051
One Space Park
Redondo Beach, CA 90278



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Carmen B. Patti

(Depositor's name)

(Signature)

February 28, 2006

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/883,651	06/18/2001	Joseph E. Galins	22-0136	1830

TITLE OF INVENTION: M-ARY SIGNAL CONSTELLATIONS SUITABLE FOR NON-LINEAR AMPLIFICATION

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	03/02/2006

EXAMINER	ART UNIT	CLASS-SUBCLASS
TRAN, KHANH C	2631	375-298000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
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2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. Patti & Brill, LLC

2. _____

3. _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Northrop Grumman Corp.

(B) RESIDENCE: (CITY AND STATE OR COUNTRY)

Los Angeles, CA

03/06/2006 BABRAHA2 00000002 09883651

01 FC:1501
02 FC:15041400.00 OP
300.00 OPPlease check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
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5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.
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Authorized Signature

Date February 28, 2006Typed or printed name Carmen B. PattiRegistration No. 26,784

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